

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	61	(duan-xiaohong-n or macklem-loren-c or rahaim-matt or anwar-sohel or monkaba-gary or perkins-w-paul or wisniewski-dean-t or kendall-todd-a or palazzolo-joseph).IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 13:59
S2	2	S1 and pump and (lubrica\$4 or cool\$3) and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 10:53
S3	3615	visteon.AS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:01
S4	76	S3 and pump and (lubrica\$4 or cool\$3) and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:03
S5	14	S4 and (clutch or coupling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 10:24
S6	1446	(pump and controller and clutch and (actuator or piston) and (valve WITH pressure) and (cool\$3 or lubrica\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:03
S7	230	S6 and ((pulse adj width) or PWM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:03
S8	14	("6041877"   "6048289"   "6059064"   "6083138"   "6083139"   "6098733"   "6110066"   "6116363"   "6146302"   "6464608"   "6533692"   "6533693"   "6589128"   "6679799").PN. OR ("6881168").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/25 10:57

## EAST Search History

S9	16	(US-20050023102-\$ or US-20040147353-\$ or US-20040129475-\$ or US-20030196844-\$ or US-20030195075-\$ or US-20030085062-\$ or US-20020166746-\$ or US-20020144851-\$ or US-20010035323-\$).did. or (US-6679799-\$ or US-6589128-\$ or US-6881168-\$ or US-6578685-\$ or US-6578654-\$ or US-6446774-\$ or US-6443286-\$).did.	US-PGPUB; USPAT	OR	ON	2005/04/25 12:05
S10	9	S9 and ((cool\$3 or lubrica\$4) WITH (clutch adj pack))	US-PGPUB; USPAT	OR	ON	2005/04/25 12:08
S11	0	S9 and (higher adj pressure)	US-PGPUB; USPAT	OR	ON	2005/04/25 12:09
S12	0	S9 and (lower adj pressure)	US-PGPUB; USPAT	OR	ON	2005/04/25 12:10
S13	34	("20010042652" "20020029948" "20020142879" "20020155916" "20020157890" "20030033070" "3007562" "3292659" "3613848" "3760918" "3912060" "3964506" "4094393" "4315656" "4629050" "4905812" "5074394" "5148903" "5197583" "5377800" "5495927" "5501311" "5518098" "5538121" "5644916" "5720372" "5875865" "6098771" "6206163" "6244407" "6263995" "6398688" "6528959" "6533095").PN.	US-PGPUB; USPAT	OR	ON	2005/04/25 15:38
S14	568	192/70.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:05
S15	89	S14 and pump and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 13:30
S16	85	S15 and pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 13:30
S17	6	S6 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 13:30

## EAST Search History

S18	483	192/113.34.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:06
S19	96	S18 and pump and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 13:32
S20	95	S19 and pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 13:32
S21	3	S6 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 13:32
S22	178	192/113.35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:06
S23	77	S22 and pump and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 13:32
S24	71	S23 and pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 13:32
S25	1	S6 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 13:32

## EAST Search History

S26	25	(US-20050023102-\$ or US-20040147353-\$ or US-20040129475-\$ or US-20030196844-\$ or US-20030195075-\$ or US-20030085062-\$ or US-20020166746-\$ or US-20020144851-\$ or US-20010035323-\$ or US-20020142879-\$).did. or (US-6679799-\$ or US-6589128-\$ or US-6881168-\$ or US-6578685-\$ or US-6578654-\$ or US-6446774-\$ or US-6443286-\$ or US-6533095-\$ or US-6206163-\$ or US-6098771-\$ or US-5875865-\$ or US-5518098-\$ or US-5495927-\$ or US-5074394-\$ or US-3007562-\$).did.	US-PGPUB; USPAT	OR	ON	2005/04/25 15:38
S27	22	S26 and pump and valve	US-PGPUB; USPAT	OR	ON	2005/04/25 13:49
S28	21	S27 and (valve with pressure)	US-PGPUB; USPAT	OR	ON	2005/04/25 13:49
S29	7	S26 and (pressure with (less or lower))	US-PGPUB; USPAT	OR	ON	2005/04/25 14:31
S30	101	(pump and controller and clutch and (actuator or piston) and (valve WITH pressure) and (cool\$3 or lubrica\$4)) and ((valve and control\$4) with ((pulse adj width) or PWM))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:07
S31	101	S30 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 14:57
S32	374	pump NEAR2 ((pulse adj width) or PWM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 14:06
S33	14	S32 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/25 15:24

## EAST Search History

S34	16	(US-20010035323-\$ or US-20020142879-\$ or US-20020144851-\$ or US-20020166746-\$ or US-20030085062-\$ or US-20030195075-\$ or US-20030196844-\$).did. or (US-5074394-\$ or US-5518098-\$ or US-5875865-\$ or US-6443286-\$ or US-6446774-\$ or US-6533095-\$ or US-6578654-\$ or US-6578685-\$ or US-6589128-\$).did.	US-PGPUB; USPAT	OR	ON	2005/04/25 15:40
S35	12	S34 and ((gerotor or vane or gear) NEAR3 pump)	US-PGPUB; USPAT	OR	ON	2005/04/26 07:10
S36	0	S34 and (accumulator with (fluid adj leakage))	US-PGPUB; USPAT	OR	ON	2005/04/25 15:37
S37	0	("20010042652" "20020029948" "20020142879" "20020155916" "20020157890" "20030033070" "3007562" "3292659" "3613848" "3760918" "3912060" "3964506" "4094393" "4315656" "4629050" "4905812" "5074394" "5148903" "5197583" "5377800" "5495927" "5501311" "5518098" "5538121" "5644916" "5720372" "5875865" "6098771" "6206163" "6244407" "6263995" "6398688" "6528959" "6533095").PN. and (accumulator with (fluid adj leakage))	US-PGPUB; USPAT	OR	ON	2005/04/25 15:38
S38	10	(US-20050023102-\$ or US-20040147353-\$ or US-20040129475-\$ or US-20030196844-\$ or US-20030195075-\$ or US-20030085062-\$ or US-20020166746-\$ or US-20020144851-\$ or US-20010035323-\$ or US-20020142879-\$).did. or (US-6679799-\$ or US-6589128-\$ or US-6881168-\$ or US-6578685-\$ or US-6578654-\$ or US-6446774-\$ or US-6443286-\$ or US-6533095-\$ or US-6206163-\$ or US-6098771-\$ or US-5875865-\$ or US-5518098-\$ or US-5495927-\$ or US-5074394-\$ or US-3007562-\$).did. and (accumulator with (fluid adj leakage))	US-PGPUB; USPAT	OR	ON	2005/04/25 15:38
S39	0	S34 and (accumulator with (fluid adj leakage))	US-PGPUB; USPAT	OR	ON	2005/04/25 15:41

## EAST Search History

S40	25	(US-20010035323-\$ or US-20020142879-\$ or US-20020144851-\$ or US-20020166746-\$ or US-20030085062-\$ or US-20030195075-\$ or US-20030196844-\$ or US-20040129475-\$ or US-20040147353-\$ or US-20050023102-\$).did. or (US-3007562-\$ or US-5074394-\$ or US-5495927-\$ or US-5518098-\$ or US-5875865-\$ or US-6098771-\$ or US-6206163-\$ or US-6443286-\$ or US-6446774-\$ or US-6533095-\$ or US-6578654-\$ or US-6578685-\$ or US-6589128-\$ or US-6679799-\$ or US-6881168-\$).did.	US-PGPUB; USPAT	OR	ON	2005/04/25 15:41
S41	0	S40 and (accumulator with (fluid adj leakage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/25 15:41
S42	1	192/70.12.ccls. and (accumulator with (fluid adj leakage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/26 06:20
S43	2	192/113.34.ccls. and (accumulator with (fluid adj leakage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/25 15:42
S44	0	192/113.35.ccls. and (accumulator with (fluid adj leakage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/25 15:42
S45	0	192/113.36.ccls. and (accumulator with (fluid adj leakage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/25 15:42
S46	8	clutch and (accumulator with (fluid adj leakage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/24 12:32
S47	13	clutch and ((compensat\$3) with (fluid adj leakage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/24 12:33
S48	0	pmw adj pump	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/26 06:36

## EAST Search History

S49	15	clutch and hydraulic and ((pre-load or preload) adj pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/26 06:40
S50	1	(two-way adj valve) WITH ((pre-load or preload) adj pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/26 06:41
S51	5	(pilot adj valve) WITH ((pre-load or preload) adj pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/26 06:41
S52	968	184/6.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/26 07:10
S53	1887	184/6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:08
S54	40	S53 and clutch and pump and control\$4 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/26 07:14
S55	0	S53 and (((pulse adj width) or pmw) NEAR2 pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/26 07:15
S56	0	S53 and (((pulse adj width) or pmw) NEAR3 pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/26 07:15
S57	1	S53 and (((pulse adj width) or pmw)with pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/26 07:15
S58	1	(duan-xiaohong-n or macklem-loren-c or rahaim-matt or anwar-sohel or monkaba-gary or perkins-w-paul or wisniewski-dean-t or kendall-todd-a or palazzolo-joseph).IN. and @pd>"20050426"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 10:53

## EAST Search History

S59	301	visteon.AS. and @pd>"20050426"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 10:53
S60	12	S59 and pump and (lubrica\$4 or cool\$3) and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 10:54
S61	54	(pump and controller and clutch and (actuator or piston) and (valve WITH pressure) and (cool\$3 or lubrica\$4)) and @pd>"20050426"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 11:02
S62	15	S61 and ((pulse adj width) or PWM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 12:23
S63	9	192/70.12.ccls. and @pd>"20050426"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 12:29
S64	1	192/113.34.ccls. and @pd>"20050426"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 12:30
S65	1	192/113.35.ccls. and @pd>"20050426"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 12:30
S66	7	(pump and controller and clutch and (actuator or piston) and (valve WITH pressure) and (cool\$3 or lubrica\$4)) and ((valve and control\$4) with ((pulse adj width) or PWM)) and @pd>"20050426"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 12:31
S67	0	clutch and (accumulator with (fluid adj leakage)) and @pd>"20050426"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/24 12:32
S68	0	clutch and ((compensat\$3) with (fluid adj leakage)) and @pd>"20050426"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/24 12:33



## EAST Search History

S69	2	184/6.ccls. and @pd>"20050426"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 12:33
S70	2024	pump with ((pulse adj width) or PWM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 14:23
S71	82	S70 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 12:39
S72	4	("6390947"   "6692402"   "6709362"   "6716138").PN. OR ("6913558").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/24 12:49
S73	1	(US-6595336-\$).did.	USPAT	OR	ON	2005/08/24 14:03
S74	1	S73 and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 14:05
S75	1	(US-6692402-\$).did.	USPAT	OR	ON	2005/08/24 14:05
S76	0	S75 and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 14:05
S77	0	S75 and ((pulse adj width) or PWM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 14:06
S78	2	("6716138").URPN.	USPAT	OR	ON	2005/08/24 14:08
S79	33	(electric\$4 adj2 pump) with ((pulse adj width) or PWM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 15:10
S80	60	(electric\$4 adj3 pump) with ((pulse adj width) or PWM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 15:28

## EAST Search History

S81	9	S80 and economical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 15:22
S82	3	S80 and (power adj consumption)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 15:17
S83	4	S80 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 15:28
S84	8	"4828089".pn. or "5845756".pn. or "5850898".pn. or "6849024".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 15:18
S85	1543526	(US "20040159523" A1).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 15:22
S86	2	"20040159523".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 15:22
S87	101	(electric\$4 adj3 pump) with ((pulse adj width) or PWM or (duty adj cycle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 15:28
S88	11	S87 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 15:28
S89	1	(US-6692402-\$).did.	USPAT	OR	ON	2005/08/25 07:36
S90	0	S89 and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/25 07:36

## EAST Search History

S91	0	S89 and pwm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/25 07:36
S92	1	S89 and duty	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/25 07:36
S93	0	(duan-xiaohong-n or macklem-loren-c or rahaim-matt or anwar-sohel or monkaba-gary or perkins-w-paul or wisniewski-dean-t or kendall-todd-a or palazzolo-joseph).IN. and @pd>"20050824"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/06 10:42
S94	317	visteon.AS. and @pd>"20050824"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/06 10:42
S95	8	S94 and pump and (lubrica\$4 or cool\$3) and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/06 10:43
S96	13	(pump and controller and clutch and (actuator or piston) and (valve WITH pressure) and (cool\$3 or lubrica\$4)) and ((valve and control\$4) with ((pulse adj width) or PWM)) and @pd>"20050824"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/06 10:45
S97	12	192/70.12.ccls. and @pd>"20050824"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/06 10:47
S98	7	192/113.34.ccls. and @pd>"20050824"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/06 10:47
S99	0	192/113.35.ccls. and @pd>"20050824"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/06 10:48

## EAST Search History

S10 0	1	184/6.ccls. and @pd>"20050824"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/06 10:48
S10 1	1	(US-20040159523-\$).did.	US-PGPUB	OR	ON	2006/02/06 12:39
S10 2	0	S101 and ("pressure control communication")	US-PGPUB	OR	ON	2006/02/06 12:40
S10 3	0	S101 and (control adj communication)	US-PGPUB	OR	ON	2006/02/06 12:40
S10 4	0	S101 and (control adj communication)	US-PGPUB	OR	ON	2006/02/06 12:40
S10 5	1	S101 and (pressure adj control)	US-PGPUB	OR	ON	2006/02/06 12:40
S10 6	186	(pump and controller and clutch and (actuator or piston) and (valve WITH pressure) and (cool\$3 or lubrica\$4) and ((clutch adj pack) or multi\$disc or multi\$disk))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/06 12:57
S10 7	6	("20040025612"   "5181431"   "5407401"   "6591705"   "6631651"   "6656090").PN. OR ("6951526"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/06 12:50
S10 8	11	(kuhstrebe-jochen and moseler-olaf).IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/06 12:58
S10 9	1	(duan-xiaohong-n or macklem-loren-c or rahaim-matt or anwar-sohel or monkaba-gary or perkins-w-paul or wisniewski-dean-t or kendall-todd-a or palazzolo-joseph).IN. and @pd>"20060206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:00
S11 0	47	visteon.AS. and @pd>"20060206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:01
S11 1	4	S110 and pump and (lubrica\$4 or cool\$3) and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:03

## EAST Search History

S11 2	27	(pump and controller and clutch and (actuator or piston) and (valve WITH pressure) and (cool\$3 or lubrica\$4)) and @pd>"20060206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:09
S11 3	118316	"7" and ((pulse adj width) or PWM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:04
S11 4	7	S112 and ((pulse adj width) or PWM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:04
S11 5	3	192/70.12.ccls. and @pd>"20060206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:05
S11 6	2	192/113.34.ccls. and @pd>"20060206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:06
S11 7	0	192/113.35.ccls. and @pd>"20060206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:06
S11 8	2	(pump and controller and clutch and (actuator or piston) and (valve WITH pressure) and (cool\$3 or lubrica\$4)) and ((valve and control\$4) with ((pulse adj width) or PWM)) and @pd>"20060206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:07
S11 9	0	184/6.ccls. and @pd>"20060206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:08
S12 0	38	(pump and controller and clutch and (actuator or piston) and (valve WITH pressure) and (cool\$3 or lubrica\$4)) and (192/103F.ccls. or 192/109F.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:27

## EAST Search History

S12 1	0	(hydraulic and pump and clutch and actuator and (cool\$3 or lubrica\$4) and (two-way adj valve) and (preload adj pressure) and controller and (pulse-width adj modulat\$3) and valve).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:28
S12 2	0	(hydraulic and pump and clutch and actuator and (cool\$3 or lubrica\$4) and (two-way adj valve) and (preload adj pressure) and controller and (pulse-width adj modulat\$3) and valve).clm.	US-PGPUB	OR	ON	2006/03/15 14:19
S12 3	14	(pump and controller and clutch and (actuator or piston) and (valve WITH pressure) and (cool\$3 or lubrica\$4)) and (192/85R.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:27
S12 4	0	(hydraulic and pump and clutch and actuator and (cool\$3 or lubrica\$4) and (two-way adj valve) and (preload adj pressure) and controller and (pulse-width adj modulat\$3) and valve) and 192/85R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 14:28